

# mab.consulting LLC

65 Ocean Lane  
#111  
Hilton Head Island, SC 29928

April 30, 2013

Cooperating Parties Group  
c/o William H. Hyatt, Jr.  
K&L Gates LLP  
One Newark Center  
Newark, NJ 07102-5252

Technical Support - Lower  
Passaic River RIFS  
Consulting Services Agreement -  
July 7, 2009  
mab Project #09-1004

Enclosed is invoice 10615, which covers services from 4/1/2013 to 4/30/2013. This invoice, dated 4/30/2013, is for \$15929.11. Your total balance, including past charges, is \$31301.18. Prompt payment of your total balance at your earliest convenience is appreciated.

## Billing Summary

Total for services rendered	\$15,043.92
Total expenses	\$885.19
Total interest and finance charges	\$0.00
Total payments and other transactions	(\$33,761.31)
Total previous balance	\$49,133.38
<b>Balance Due</b>	<b>\$31,301.18</b>

Thank you for your ongoing confidence in my work.

If you have questions, please call me at 908.510.5703.

Sincerely,

# **mab.consulting LLC**

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April 30, 2013

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mab Project #09-1004

Enclosure

Michael A. Barbara, P.E.

**mab.consulting LLC**

65 Ocean Lane  
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Hilton Head Island, SC 29928

Invoice submitted to:  
Cooperating Parties Group  
c/o William H. Hyatt, Jr.  
K&L Gates LLP  
One Newark Center  
Newark, NJ 07102-5252

Please make checks payable to:  
mab.consulting LLC  
Michael A. Barbara  
Tax ID No. 116-42-7283

April 30, 2013

In Reference To: Technical Support - Lower Passaic River RIFS  
Consulting Services Agreement - July 7, 2009  
mab Project #09-1004

Invoice #10615

Professional Services

			<u>Hrs/Rate</u>	<u>Amount</u>
4/1/2013	MAB	Develop Presentation Materials Materials for TC Meeting; overview, summaries; travel to NJ.	6.20 176.40/hr	1,093.68
	MAB	Telephone Call w/msg re upcoming CSM sections; integrate modeling results; SSP2 update.	0.78 176.40/hr	137.45
4/2/2013	MAB	Telephone Call w/dmi; preparation for TC Meeting, review cost estimates.	0.41 176.40/hr	71.88
	MAB	Develop Presentation Materials Preparation for TC Meeting; strategy overview, SSP2 alternatives; questions on modeling progress.	1.10 176.40/hr	194.04
	MAB	Conference Call w/dmi, counsel re TC Meeting preparations.	0.55 176.40/hr	96.38
	MAB	Telephone Call w/msg re modeling results.	0.33 176.40/hr	58.46
4/3/2013	MAB	Correspondence w/TC re SSP2.	0.40 176.40/hr	70.56
	MAB	Meeting TC Meeting; Newark, NJ.	8.20 176.40/hr	1,446.48

908.510.5703

			<u>Hrs/Rate</u>	<u>Amount</u>
4/4/2013	MAB	Meeting MSC Meeting.	3.40 176.40/hr	599.76
	MAB	Meeting w/counsel; TC debrief.	1.20 176.40/hr	211.68
	MAB	Document Review TC/MSC Meeting minutes; action items; travel to HHL.	4.10 176.40/hr	723.24
4/7/2013	MAB	Document Review Sections 3,5, 6 of CSM.	1.60 176.40/hr	282.24
4/8/2013	MAB	Telephone Call w/msg re SR issues, text for CSM.	0.53 176.40/hr	92.71
	MAB	Conference Call w/counsel, TC re modeling issues, preparation for CPG Meeting,	0.18 176.40/hr	32.34
	MAB	Conference Call w/JPC, msg re model determinations, CSM edits.	0.82 176.40/hr	144.16
	MAB	Conference Call w/dmi re duration estimates; w/EPA re SSP2 updates.	1.63 176.40/hr	287.39
	MAB	Conference Call w/dmi, counsel; preparation for CPG Meeting.	0.68 176.40/hr	119.76
	MAB	Document Review CSM Section 6; preparation for CAG Meeting, presentation outline.	1.20 176.40/hr	211.68
4/9/2013	MAB	Develop Presentation Materials Preparation for CPG Meeting; correspondence w/counsel, dmi, AQ.	1.00 176.40/hr	176.40
	MAB	Conference Call CPG Meeting/WebEx.	6.01 176.40/hr	1,060.07
4/10/2013	MAB	Correspondence Follow-up to CPG Meeting; telecon w/dmi; messages w/counsel.	1.20 176.40/hr	211.68

			<u>Hrs/Rate</u>	<u>Amount</u>
4/10/2013	MAB	Correspondence re revisions to CSM; AQ edits.	0.40 176.40/hr	70.56
	MAB	Telephone Call w/dmi; follow-up to CPG Meeting; preparation for EPA meetings.	0.48 176.40/hr	85.51
	MAB	Conference Call w/dmi; follow-up to CPG Meeting.	0.56 176.40/hr	98.59
	MAB	Telephone Call w/msg; review CSM edits.	0.39 176.40/hr	68.80
	MAB	Conference Call w/dmi, AQ re modeling coordination, follow-up to CPG/TC Meetings.	0.83 176.40/hr	145.53
4/11/2013	MAB	Correspondence re modeling update, materials for CAG; review CAG comments on FFS.	1.40 176.40/hr	246.96
	MAB	Conference Call w/modeling team - coordination of assumptions, schedules.	0.84 176.40/hr	147.29
	MAB	Telephone Call w/counsel re SSP2 sampling schedule/scope. Responses to EPA.	0.21 176.40/hr	36.21
	MAB	Correspondence w/dmi, K&L re SSP2 scope; meeting w/EPA, PAs.	1.00 176.40/hr	176.40
4/12/2013	MAB	Telephone Call w/msg re CSM progress; TC release; upcoming tasks.	0.70 176.40/hr	123.48
	MAB	Telephone Call w/dmi; review CSM issues.	0.27 176.40/hr	48.36
	MAB	Document Review Action Items - TC Meeting.	0.70 176.40/hr	123.48
4/13/2013	MAB	Correspondence TC Meeting minutes; maintain files.	2.10 176.40/hr	370.44

			<u>Hrs/Rate</u>	<u>Amount</u>
4/15/2013	MAB	Correspondence re CSM comments, additional input. w/msg.	1.10 176.40/hr	194.04
	MAB	Telephone Call w/AQ (JC) re CAG presentation materials; CSM elements.	0.43 176.40/hr	76.44
4/16/2013	MAB	Telephone Call w/dmi, update on meetings.	0.44 176.40/hr	77.22
	MAB	Data Analysis WW data on food web, benthic diversity. Correspondence w/AQ.	1.40 176.40/hr	246.96
	MAB	Conference Call w/dmi, counsel re update on CSM, meeting schedules.	0.60 176.40/hr	106.62
	MAB	Telephone Call w/R2, update on modeling results, schedule. Meeting notes.	1.00 176.40/hr	176.40
4/17/2013	MAB	Document Review COPCs/bioaccumulation.	0.80 176.40/hr	141.12
	MAB	Conference Call w/WW/TC re modeling update, background/reference.	2.02 176.40/hr	355.69
	MAB	Document Review Dredging schedule, bio model inputs.	0.90 176.40/hr	158.76
4/18/2013	MAB	Document Review Dredging schedules, responses to TC; meeting summaries.	1.50 176.40/hr	264.60
4/22/2013	MAB	Telephone Call w/dmi re SSP2 meeting.	0.47 176.40/hr	83.01
	MAB	Telephone Call w/msg re CSM revisions, SSP2 meeting.	0.37 176.40/hr	64.88
	MAB	Conference Call Preparation for SSP2 Meeting w/EPA.	0.69 176.40/hr	121.57

			<u>Hrs/Rate</u>	<u>Amount</u>
4/22/2013	MAB	Correspondence Telecon w/R2 re SSP2 meeting; summary notes.	1.10 176.40/hr	194.04
	MAB	Develop Presentation Materials w/JPC; review slides, modifications.	0.90 176.40/hr	158.76
4/23/2013	MAB	Telephone Call w/dmi; summary of meetings; preparation for SSP2 meeting.	0.44 176.40/hr	77.76
	MAB	Conference Call Meeting w/EPA R2/DEP re SSP2.	1.21 176.40/hr	213.79
	MAB	Conference Call w/counsel re SSP2.	0.44 176.40/hr	78.06
	MAB	Correspondence SSP2 Meeting notes.	0.60 176.40/hr	105.84
4/24/2013	MAB	Correspondence w/counsel re SSP2 Meeting; review meeting notes.	1.10 176.40/hr	194.04
4/25/2013	MAB	Telephone Call re SSP2 probing data useage. w/msg.	0.52 176.40/hr	91.29
	MAB	Telephone Call re SSP2 w/R2; options for moving forward.	0.27 176.40/hr	47.63
4/26/2013	MAB	Telephone Call w/TC re CSM submittal; EPA SSP2 meeting notes.	0.52 176.40/hr	91.19
	MAB	Develop Presentation Materials Preparation for TC Meeting - SR summary, CSM status.	1.40 176.40/hr	246.96
4/28/2013	MAB	Document Review Comments to CSM text.	2.60 176.40/hr	458.64
4/29/2013	MAB	Document Review Comments to CSM text.	1.40 176.40/hr	246.96

			<u>Hrs/Rate</u>	<u>Amount</u>
4/29/2013	MAB	Develop Presentation Materials Materials for CAG presentations.	1.30 176.40/hr	229.32
	MAB	Document Review TC comments on CSM (A-L/TT).	1.20 176.40/hr	211.68
	MAB	Document Review DO report.	1.00 176.40/hr	176.40
4/30/2013	MAB	Develop Presentation Materials Preparation for TC Meeting.	2.90 176.40/hr	511.56
	MAB	Telephone Call w/R2 re SSP; w/dmi re updates.	0.88 176.40/hr	155.82
	MAB	Telephone Call w/RL. Meeting preparation/SSP2 summary.	0.22 176.40/hr	38.22
	MAB	Conference Call w/modeling team; review current projections; prepare for TC Meeting.	1.15 176.40/hr	202.03
	MAB	Telephone Call w/msg re CSM comments; w/RL re SSP2 planning.	1.04 176.40/hr	182.97
<b>For professional services rendered</b>			<b>85.31</b>	<b>\$15,043.92</b>

## Additional Charges :

			<u>Qty/Price</u>	
4/2/2013	MAB	CPG Per Diem Contracted NJ per diem; lodging/meals. Dates: 4/2;4/4 Purpose: TC Meeting, MSC Meeting.	2 120.00	240.00
	MAB	Milage IRS Mileage Reimbursement Rate 1/1/2013. HHI - SAV.	46 0.57	25.99



			<u>Qty/Price</u>	<u>Amount</u>
4/4/2013	MAB	Fuel Fuel for rental car.	1 22.01	22.01
4/5/2013	MAB	Parking SAV/HHI.	1 45.00	45.00
	MAB	Auto Rental TC/MSD Meetings. Airport transportation; meetings w/AQ re CSM.	1 312.19	312.19
4/30/2013	MAB	CPG Per Diem Contracted NJ per diem; lodging/meals. Dates: 4/28-30 Purpose: TC Meeting	2 120.00	240.00
<b>Total additional charges</b>				<b>\$885.19</b>
<b>Total amount of this bill</b>				<b>\$15,929.11</b>
<b>Previous balance</b>				<b>\$49,133.38</b>
Accounts receivable transactions				
4/1/2013	Payment - Thank You			(\$19,921.32)
4/17/2013	Payment - Thank You			(\$13,839.99)
<b>Total payments and adjustments</b>				<b>(\$33,761.31)</b>
Balance due				<b>\$31,301.18</b>
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	Current	30 Days	60 Days	90 Days
	15,929.11	15,372.07	0.00	0.00
				120 Days
				0.00